

Docket No. 1232-5564

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Tadashi OKAMOTO

Group Art Unit: To Be Assigned

Serial No.: To Be Assigned

Examiner: To Be Assigned

Filed: Concurrently Herewith

For: METHOD OF ANALYZING SUBSTANCE ON SUBSTRATE BY MASS SPECTROMETRY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R.

§§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☒ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

English abstracts for JP 2001-503760, JP 2001-508307, and JP 2002-507883 are provided with WO 98/20020, WO 98/31830 and WO 98/20166, respectively.

2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

4. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
- ☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or
  - ☒ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or
  - ☐ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
  - ☐ 37 C.F.R. §1.97(b)(4), before the mailing date of a first office action after the filing of an RCE under §1.114.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500., Order No. 1232-5564. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: December 21, 2004

By: \_\_\_\_\_

Joseph A. Calvaruso  
Joseph A. Calvaruso  
Registration No. 28,287

Correspondence Address:

MORGAN & FINNEGAN, L.L.P.  
3 World Financial Center  
New York, NY 10281-2101  
(212) 415-8700 Telephone  
(212) 415-8701 Facsimile

27123

↑CUSTOMER NUMBER↑

Page 1 of 1

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE</b> <b>CITATION</b>			Attorney Docket: 1232-5564		Serial No.: <b>10/518559</b> To Be Assigned		
			Applicant: Tadashi OKAMOTO				
			Filing Date: Concurrently Herewith		Group Art Unit: To Be Assigned		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
	1	6,124,099	09/26/2000	Heckman et al.			06/22/1998
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	A	WO 98/20020	05/14/1998	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	B	WO 98/20166	05/14/1998	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	C	WO 98/31830	07/23/1998	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	D	WO 99/67424	12/29/1999	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	E	2001-503760	03/21/2001	Japan (see English Abstract on WO 98/20020)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	F	2001-508307	06/26/2001	Japan(see English Abstract on WO 98/31830)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	G	2002-507883	03/12/2002	Japan(see English Abstract on WO 98/20166)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
							<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>OTHER DOCUMENTS (Including Author, Title, Date, etc.)</b>							
	I	Gerard Marriott et al., "Photomodulation of the Nucleating Activity of a Photocleavable Crosslinked Actin Dimer," Biochemistry International, Vol. 26, No. 5, 1992, Pgs. 943-951					
	II	Stephanie Hahner et al., "Matrix-assisted Laser Desorption/Ionization Mass Spectrometry of DNA using Photocleavable Biotin," Biomolecular Engineering," Vol. 16, 1999, Pgs. 127-133					
	III	"PC Biotin and Related Photocleavable Modifiers," Glen Report, Vol. 14, No. 1, February 2001, Pgs. 8, 9					
	IV	Japan Patent Office, International Search Report of International Application No. PCT/JP03/08197, 07/24/2003					
Examiner			Date Considered				
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							